

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023334.D
 Acq On : 22 Dec 2022 11:54
 Operator : CG/JU
 Sample : N6003-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:52:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	24359	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14345	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33593	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	27199	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	22703	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	42467	5.170	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	11870	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	29746	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.044	266	205	0.022	ng/ul	97
15) Phenanthrene	17.432	178	11644	0.106	ng/ul	97
16) Anthracene	17.525	178	2130	0.023	ng/ul#	84
19) Fluoranthene	19.448	202	33773	0.256	ng/ul	95
20) Pyrene	19.815	202	25986m	0.195	ng/ul	
21) Benzo(a)anthracene	21.560	228	17465	0.165	ng/ul	96
22) Chrysene	21.616	228	20563	0.191	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	34040m	0.290	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	10533m	0.096	ng/ul	
26) Benzo(a)pyrene	23.919	252	19229	0.207	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.580	276	15309	0.141	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.597	278	4137	0.049	ng/ul#	53
29) Benzo(g,h,i)perylene	27.372	276	10800	0.122	ng/ul#	39

(#) = qualifier out of range (m) = manual integration (+) = signals summed

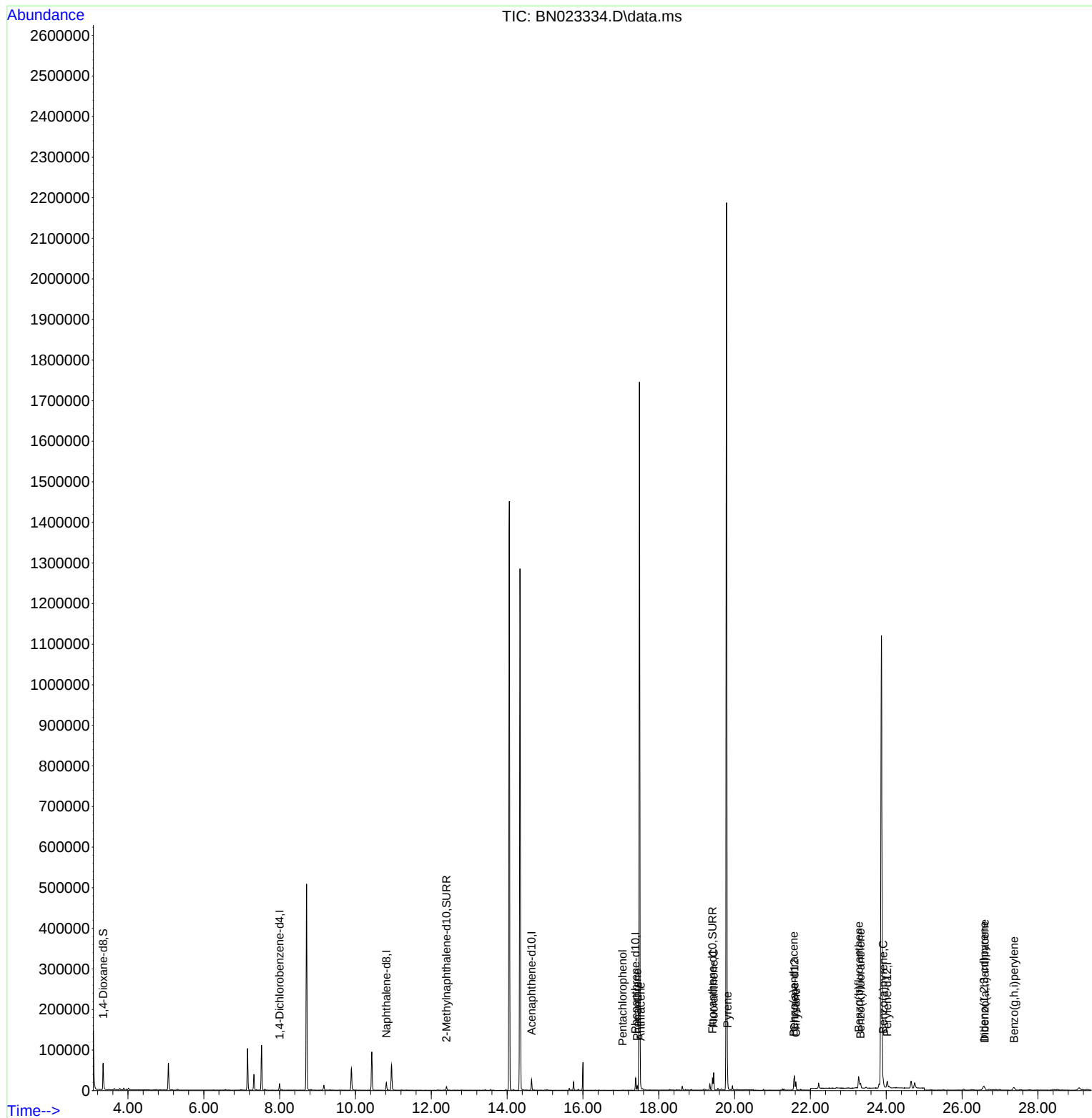
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023334.D
Acq On : 22 Dec 2022 11:54
Operator : CG/JU
Sample : N6003-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

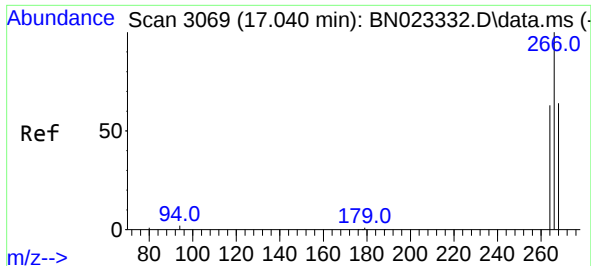
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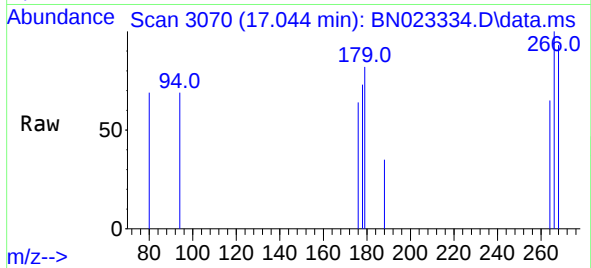
Quant Time: Dec 22 23:52:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 17.044 min Scan# 3069
Delta R.T. 0.003 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54

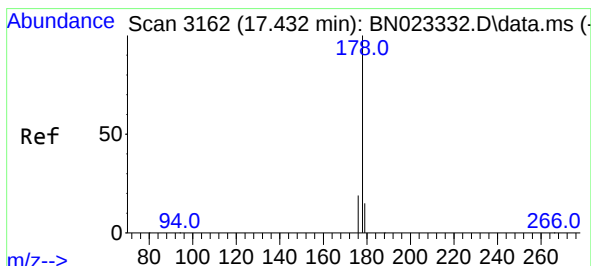
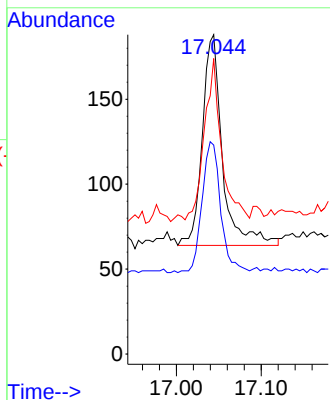
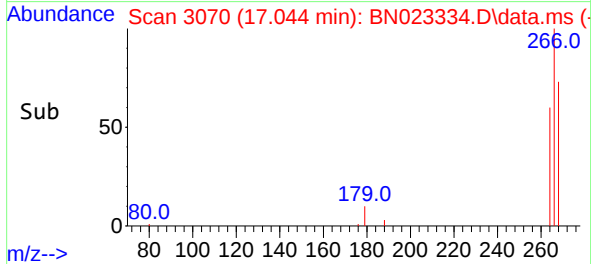
Instrument :
BNA_N
ClientSampleId :
DBXT0



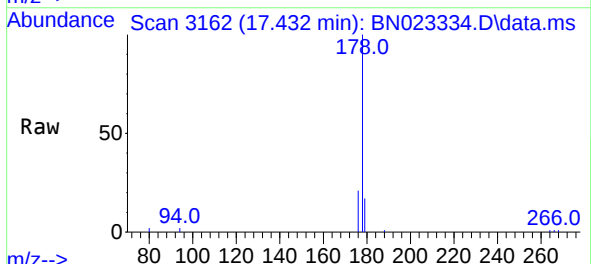
Tgt Ion:266 Resp: 209
Ion Ratio Lower Upper
266 100
264 57.6 49.8 74.6
268 63.9 51.4 77.0

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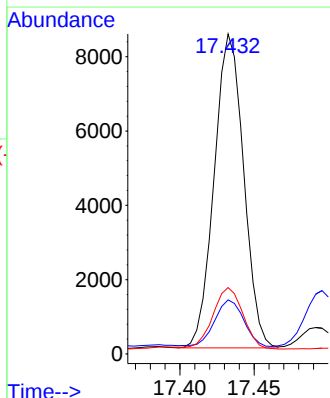
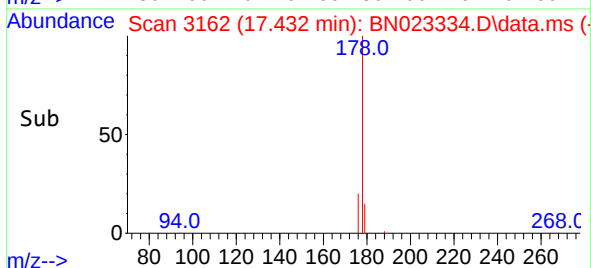
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

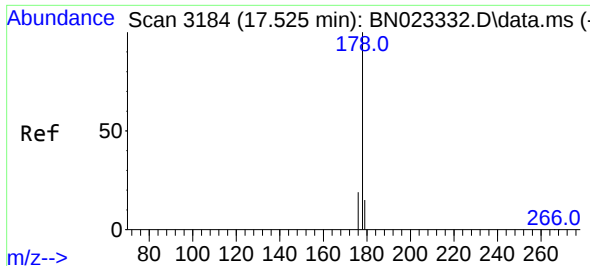


#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54



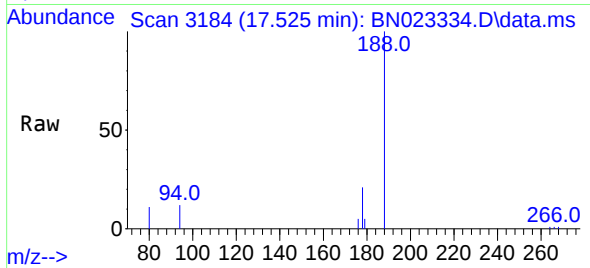
Tgt Ion:178 Resp: 11644
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 20.8 15.7 23.5





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023334.D
 Acq: 22 Dec 2022 11:54

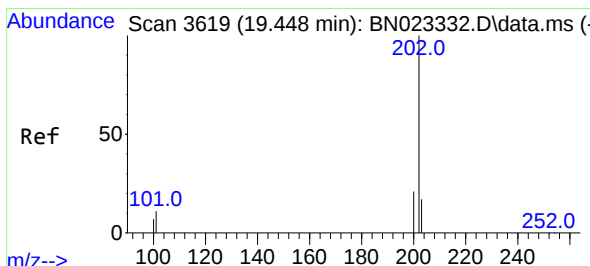
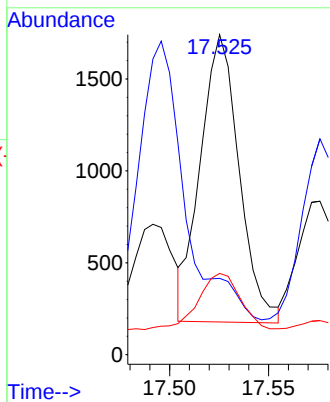
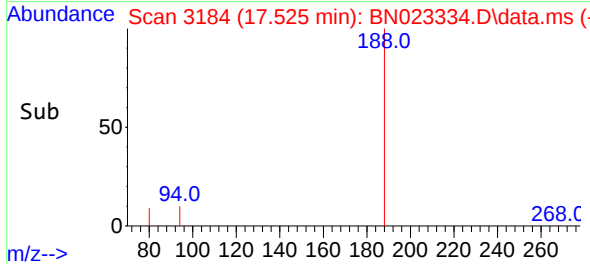
Instrument :
 BNA_N
 ClientSampleId :
 DBXT0



Tgt Ion:178 Resp: 2130
 Ion Ratio Lower Upper
 178 100
 179 23.8 12.6 18.8
 176 25.4 15.4 23.0

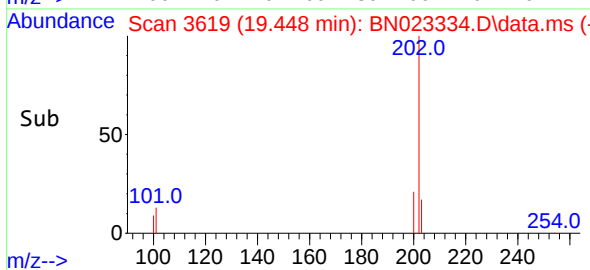
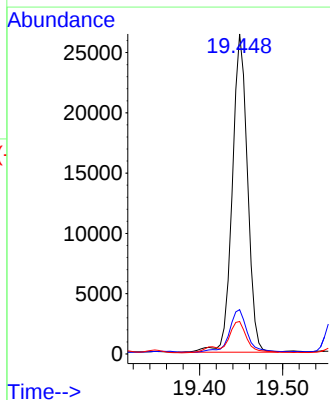
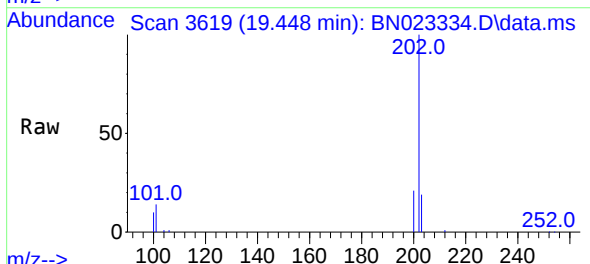
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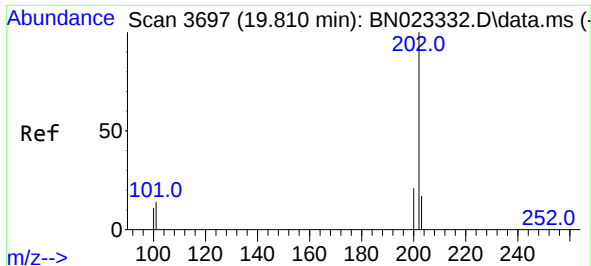
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#19
 Fluoranthene
 Concen: 0.256 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023334.D
 Acq: 22 Dec 2022 11:54

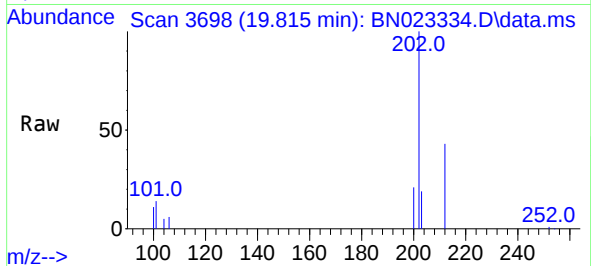
Tgt Ion:202 Resp: 33773
 Ion Ratio Lower Upper
 202 100
 101 13.8 9.4 14.2
 100 10.1 7.0 10.6





#20
Pyrene
Concen: 0.195 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54

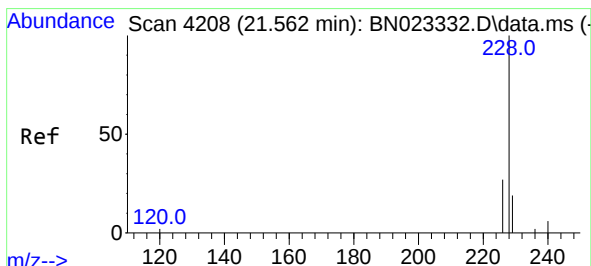
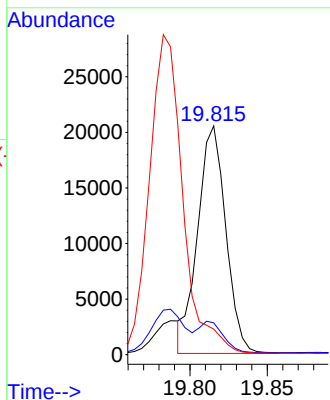
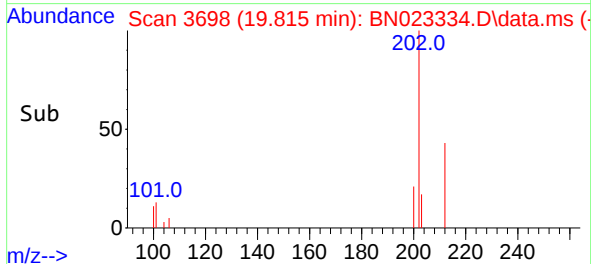
Instrument :
BNA_N
ClientSampleId :
DBXT0



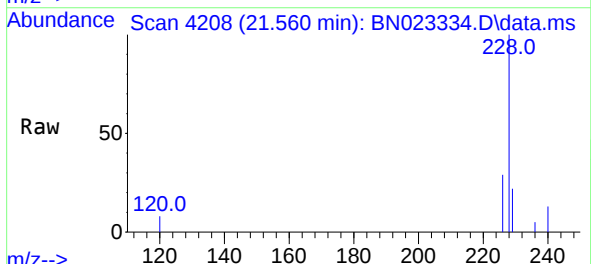
Tgt Ion:202 Resp: 25980
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.2 9.0 13.4

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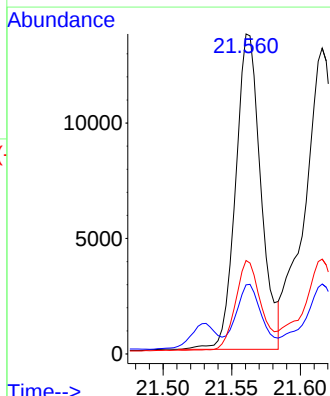
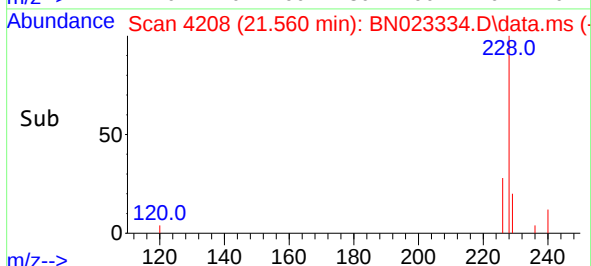
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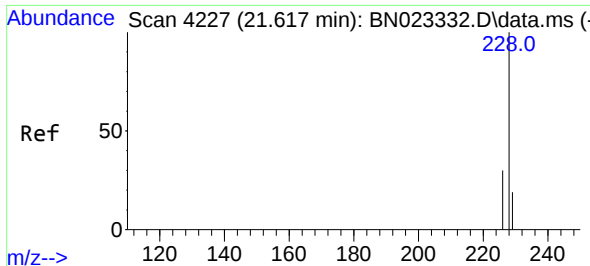


#21
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54



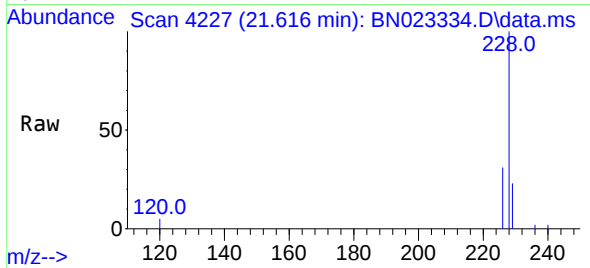
Tgt Ion:228 Resp: 17465
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.2 22.2 33.2





#22
Chrysene
Concen: 0.191 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54

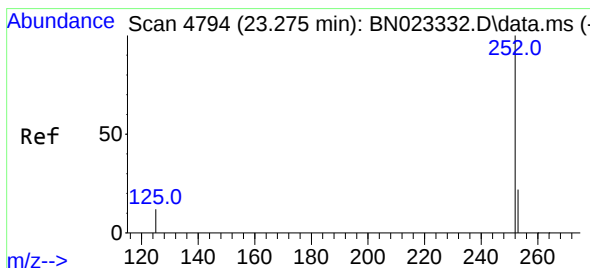
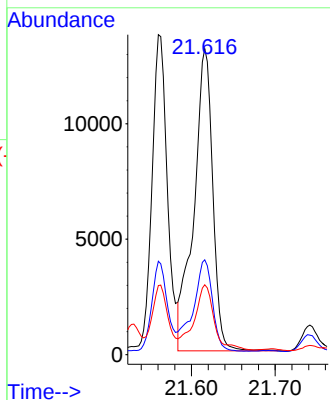
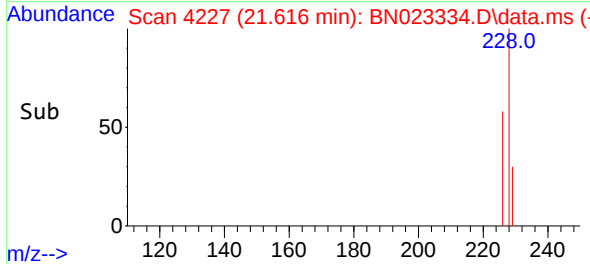
Instrument :
BNA_N
ClientSampleId :
DBXT0



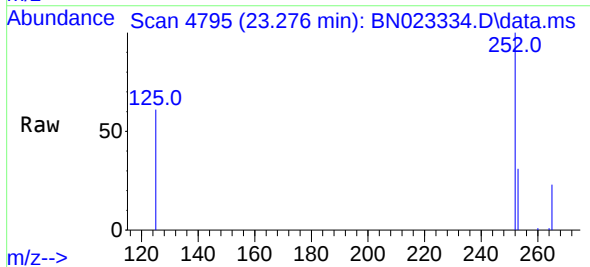
Tgt Ion:228 Resp: 2056
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.8 15.8 23.6

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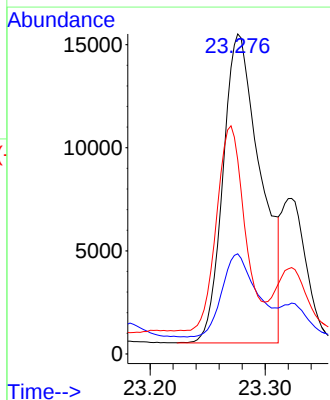
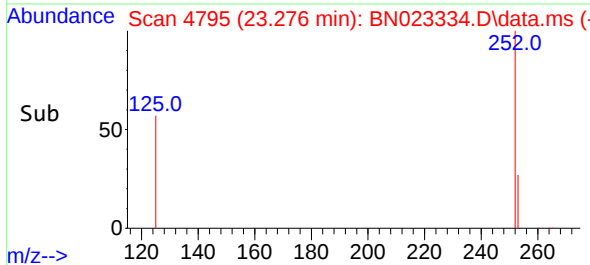
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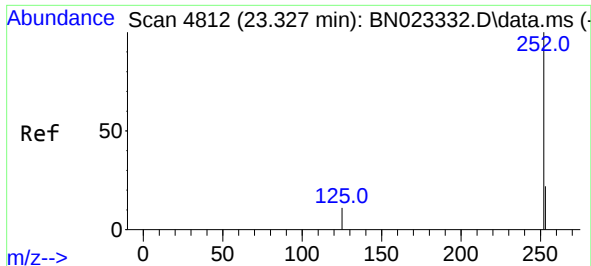


#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54



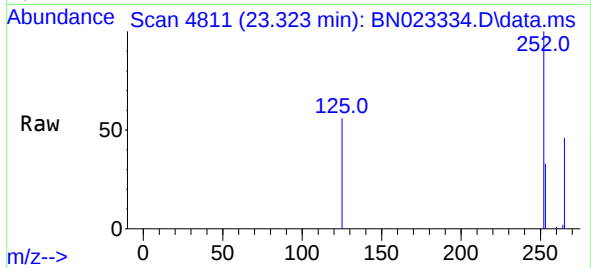
Tgt Ion:252 Resp: 34040
Ion Ratio Lower Upper
252 100
253 31.3 0.0 49.2
125 60.7 0.0 31.8#





#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 23.323 min Scan# 4812
Delta R.T. -0.001 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54

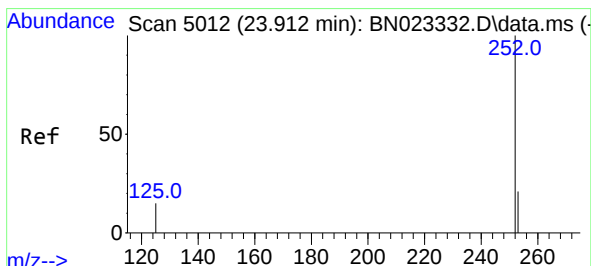
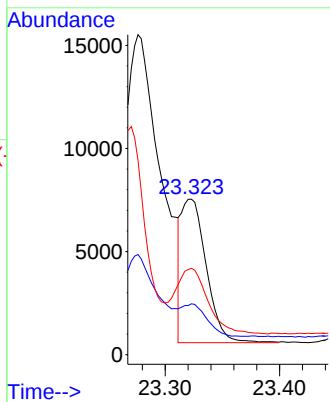
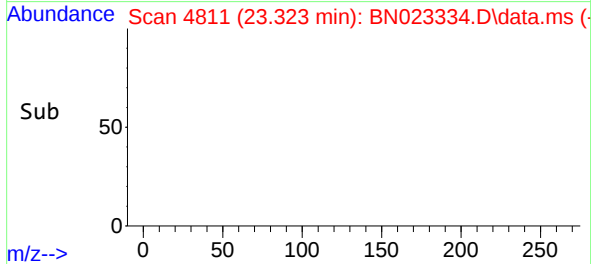
Instrument :
BNA_N
ClientSampleId :
DBXT0



Tgt Ion:252 Resp: 1053
Ion Ratio Lower Upper
252 100
253 32.7 19.8 29.6
125 55.6 12.6 18.8

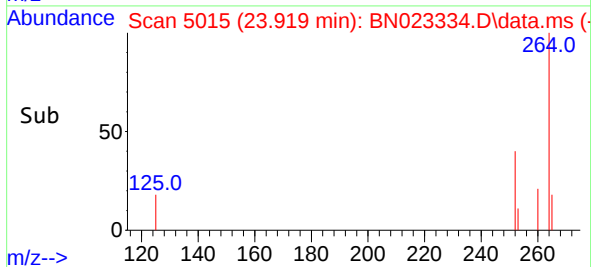
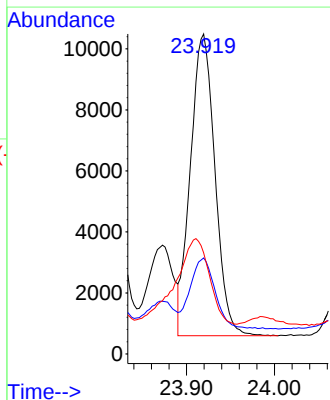
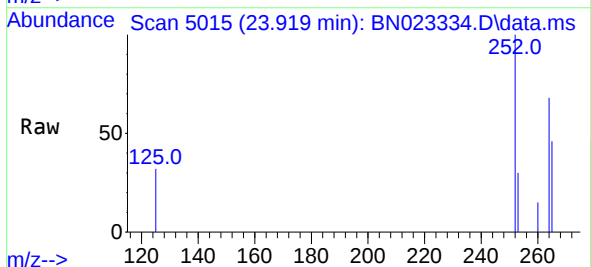
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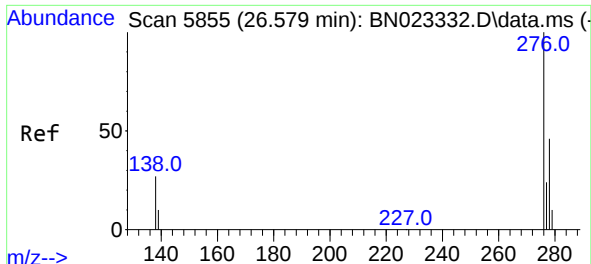
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
Benzo(a)pyrene
Concen: 0.207 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54

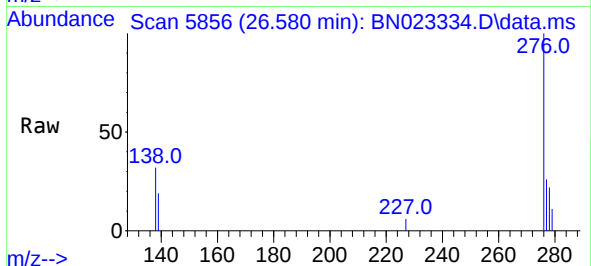
Tgt Ion:252 Resp: 19229
Ion Ratio Lower Upper
252 100
253 30.0 21.4 32.2
125 31.6 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng/ul
RT: 26.580 min Scan# 5855
Delta R.T. 0.003 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54

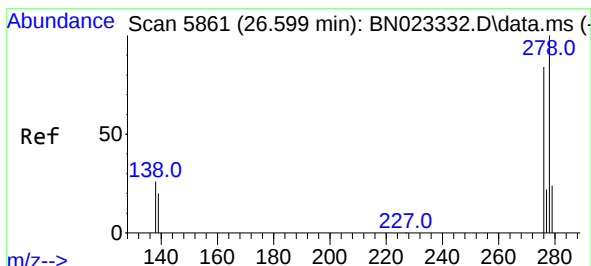
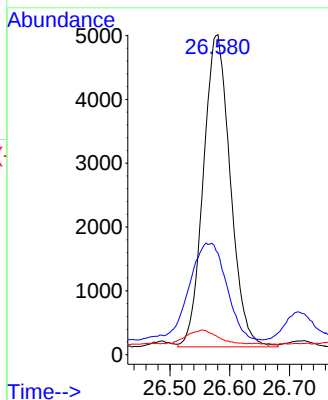
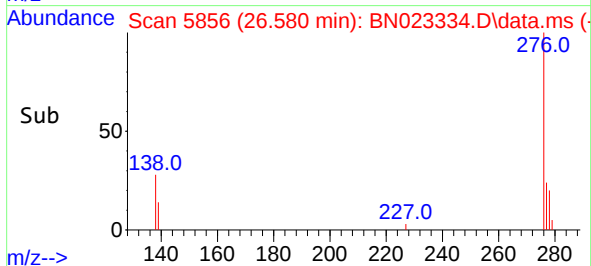
Instrument :
BNA_N
ClientSampleId :
DBXT0



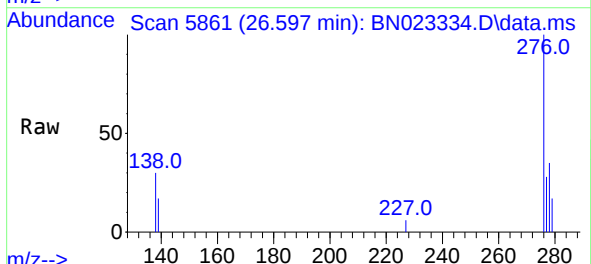
Tgt Ion:276 Resp: 15309
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0

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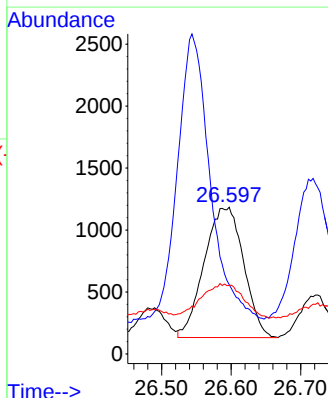
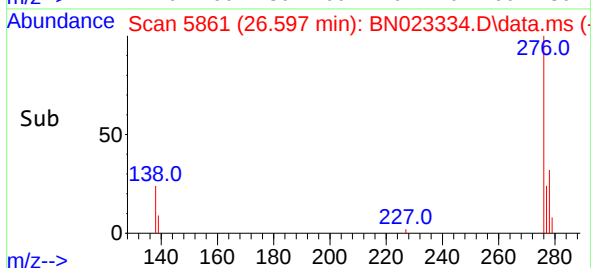
Reviewed By :Jagrut Upadhyay 12/23/2022
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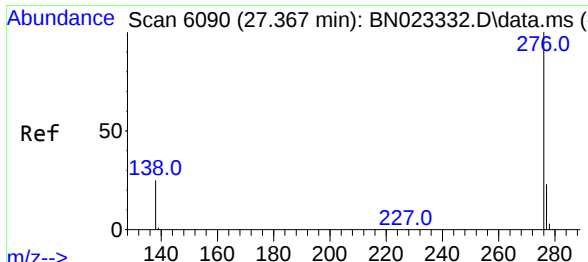


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023334.D
Acq: 22 Dec 2022 11:54



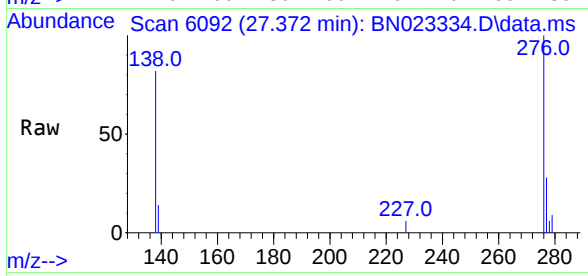
Tgt Ion:278 Resp: 4137
Ion Ratio Lower Upper
278 100
139 47.2 16.6 24.8#
279 46.7 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.122 ng/ul
 RT: 27.372 min Scan# 6092
 Delta R.T. 0.003 min
 Lab File: BN023334.D
 Acq: 22 Dec 2022 11:54

Instrument :
 BNA_N
 ClientSampleId :
 DBXT0



Tgt Ion: 276 Resp: 10800

Ion	Ratio	Lower	Upper
276	100		
138	82.4	20.3	30.5
277	27.9	19.7	29.5

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